

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In re United States Patent Application of:</b>	)	<b>Docket No.:</b>	<b>4240-148</b>
	)		
<b>Applicants:</b>	)	<b>Conf. No.:</b>	<b>8819</b>
	)		
<b>Application No.:</b>	)	<b>Art Unit:</b>	<b>1636</b>
	)		
<b>Date Filed:</b>	)	<b>Examiner:</b>	<b>Nancy Vogel</b>
	)		
<b>Title:</b>	)	<b>Customer No.:</b>	
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	)		<b>23448</b>
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**CERTIFICATE OF EFS FILING**

I hereby certify that this document is being filed via EFS in the United States Patent and Trademark Office on **January 2, 2012**.  
/kelly k. reynolds/

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**RESPONSE TO NOVEMBER 3, 2011 FINAL OFFICE ACTION  
IN U.S. PATENT APPLICATION NO. 10/588,782**

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Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This responds to the November 3, 2011 Final Office Action in the above-identified application. The time for responding to the November 3, 2011 Office Action without extension was set at three months, or February 3, 2012. This Response is therefore timely.

Please amend the claims of the above-identified patent application as set out in **Section I (Amendments to the Claims)** hereof.

Remarks concerning the amendments to the claims and the substance of the November 3, 2011 Office Action are set out in **Section II (Remarks)** hereof.